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Power Macintosh 9500: IBM 2 GB Drive Jumper Settings (8/95)

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TOPIC -----

What are the jumper settings for the IBM 2 GB drives that ship in the Power Macintosh 9500?

DISCUSSION -----

Here is the information concerning the IBM 2 GB drive assembly on the Power Macintosh 9500. The specifications that follow are for 2 GB IBM drive, Model DFMS-32600-S3F.

Begin_Graphic

* 3 5 7 @ 11 13 15 17 19 21 23 25 27 29 31	1 2
* 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32	-----

End_Graphic

Jumpers go between the odd number and the even number directly below it.

* Pins 1 and 2 not used on the 32 pin connector. Pins 1 and 2 are not present on connector.

Begin_Graphic

• SCSI ID	Pins	SCSI ID	Address
-----	-----	-----	-----
2	3 & 4	2 1 0	
1	5 & 6	off off off	0
0	7 & 8	off off on	1
		off on off	2
		off on on	3
		on off off	4
		on off on	5
		on on off	6
		on on on	7

End_Graphic

@ Pin 9 is also blank.

- Pin 10 is unused

- Pins 11 & 12 Auto Start

The Auto Start and Auto Start Delay pins control when and how the drive can spin up and come ready.

- Pins 13 & 14 Enable Active Termination

Active termination is enabled by jumping pins 13 & 14.

- Pin 15 Master Sync

- Pin 16 Slave Sync

- Pin 17 & 18 External Activity LED

Connect the LED's anode to pin 18 and the cathode to pin 17.

- Pins 19 & 20 Write Protect

If the write protect pin is jumpered the drive prohibits SCSI commands that alter the customer data area portion of the media from being performed.

- Pins 21 & 22 Auto Start Delay

The Auto Start and Auto Start Delay pins control when and how the drive can spin up and come ready.

- Pins 25 & 26 Option Block Mode

When pins 25 & 26 are jumpered the functions of pins 25 thru 32 change from their listed functions to being alternate mode SCSI ID settings. Using the Option Block Mode is not supported by Apple.

- Pins 27 & 28 Disable SCSI Parity

Disables SCSI Parity checking.

- Pins 29 & 30 Disable Unit Attention

Jumping these pins will disable the drive from building Unit Attention Sense information for commands immediately following a Power On Reset (POR) or SCSI Bus Reset. Any pending Unit Attention conditions will also be cleared at POR or SCSI Reset times.

- Pins 31 and 32 Customizing

Reserved for future use.

- Pins 1 & 2 on small jumper on right.

Termination Power Enable

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